

Soustraire des fractions mixtes négatives (C)

Nom: _____

Date: _____

Note: _____

Calculez chaque différence.

1. $\left(-3\frac{5}{6}\right) - 4\frac{1}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

2. $\left(-3\frac{1}{3}\right) - \frac{4}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

3. $\left(-4\frac{1}{2}\right) - \frac{1}{3} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

4. $\left(-5\frac{1}{2}\right) - 1\frac{3}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

5. $\left(-1\frac{3}{5}\right) - 4\frac{1}{2} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

6. $\left(-4\frac{5}{6}\right) - 2\frac{1}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

7. $\left(-2\frac{1}{4}\right) - \left(-1\frac{2}{5}\right) = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$

8. $\left(-2\frac{1}{2}\right) - \frac{3}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

9. $\left(-2\frac{1}{6}\right) - 5\frac{3}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

10. $\left(-2\frac{2}{3}\right) - \frac{3}{4} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

Soustraire des fractions mixtes négatives (C) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque différence.

$$1. \quad \left(-3\frac{5}{6}\right) - 4\frac{1}{5} = \left(-\frac{23}{6}\right) - \frac{21}{5} = \left(-\frac{115}{30}\right) - \frac{126}{30} = \left(-\frac{241}{30}\right) = \left(-8\frac{1}{30}\right)$$

$$2. \quad \left(-3\frac{1}{3}\right) - \frac{4}{5} = \left(-\frac{10}{3}\right) - \frac{4}{5} = \left(-\frac{50}{15}\right) - \frac{12}{15} = \left(-\frac{62}{15}\right) = \left(-4\frac{2}{15}\right)$$

$$3. \quad \left(-4\frac{1}{2}\right) - \frac{1}{3} = \left(-\frac{9}{2}\right) - \frac{1}{3} = \left(-\frac{27}{6}\right) - \frac{2}{6} = \left(-\frac{29}{6}\right) = \left(-4\frac{5}{6}\right)$$

$$4. \quad \left(-5\frac{1}{2}\right) - 1\frac{3}{5} = \left(-\frac{11}{2}\right) - \frac{8}{5} = \left(-\frac{55}{10}\right) - \frac{16}{10} = \left(-\frac{71}{10}\right) = \left(-7\frac{1}{10}\right)$$

$$5. \quad \left(-1\frac{3}{5}\right) - 4\frac{1}{2} = \left(-\frac{8}{5}\right) - \frac{9}{2} = \left(-\frac{16}{10}\right) - \frac{45}{10} = \left(-\frac{61}{10}\right) = \left(-6\frac{1}{10}\right)$$

$$6. \quad \left(-4\frac{5}{6}\right) - 2\frac{1}{5} = \left(-\frac{29}{6}\right) - \frac{11}{5} = \left(-\frac{145}{30}\right) - \frac{66}{30} = \left(-\frac{211}{30}\right) = \left(-7\frac{1}{30}\right)$$

$$7. \quad \left(-2\frac{1}{4}\right) - \left(-1\frac{2}{5}\right) = \left(-\frac{9}{4}\right) - \left(-\frac{7}{5}\right) = \left(-\frac{45}{20}\right) - \left(-\frac{28}{20}\right) = \left(-\frac{17}{20}\right)$$

$$8. \quad \left(-2\frac{1}{2}\right) - \frac{3}{5} = \left(-\frac{5}{2}\right) - \frac{3}{5} = \left(-\frac{25}{10}\right) - \frac{6}{10} = \left(-\frac{31}{10}\right) = \left(-3\frac{1}{10}\right)$$

$$9. \quad \left(-2\frac{1}{6}\right) - 5\frac{3}{5} = \left(-\frac{13}{6}\right) - \frac{28}{5} = \left(-\frac{65}{30}\right) - \frac{168}{30} = \left(-\frac{233}{30}\right) = \left(-7\frac{23}{30}\right)$$

$$10. \quad \left(-2\frac{2}{3}\right) - \frac{3}{4} = \left(-\frac{8}{3}\right) - \frac{3}{4} = \left(-\frac{32}{12}\right) - \frac{9}{12} = \left(-\frac{41}{12}\right) = \left(-3\frac{5}{12}\right)$$